

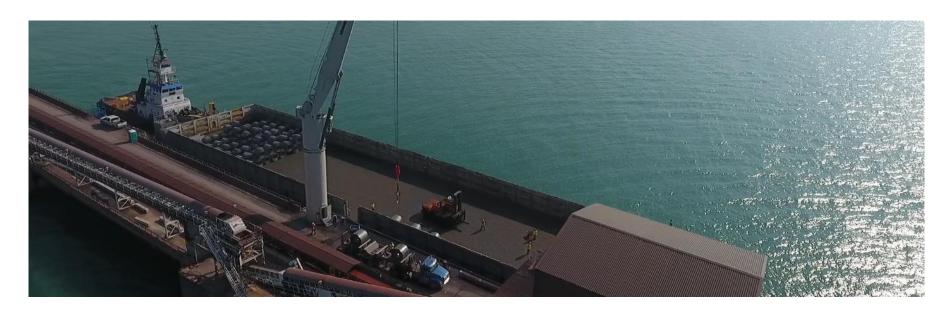
Lake Erie Works
Community Liaison
Committee (CLC) Meeting



August 23, 2023

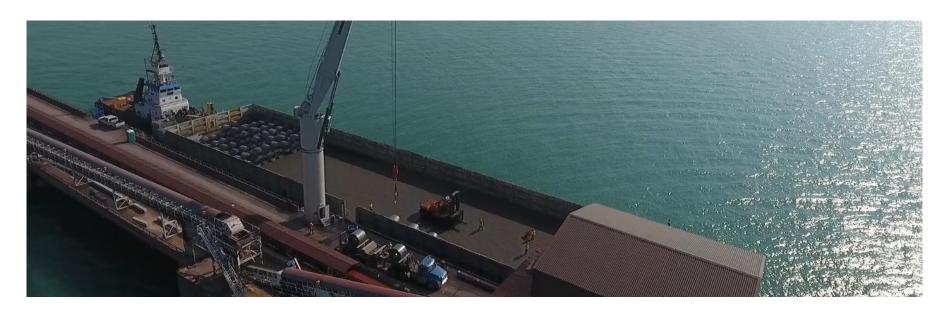


- 1. Welcome
- 2. Review and Approval of Agenda
- 3. Review and Approval of Minutes of May 3, 2023, Meeting
- 4. Coke Battery Performance Q2 2023
- 5. Community Feedback
- 6. Adjournment





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Coke Battery Performance – Method 303

Performance Review - Daily (Q2 2023)



Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
2020 - 2023 Thresholds	5%	1%	4%
Apr 1 – June 30, 2023 Range (Average)	0 – 4.44% (0.92%)	0 – 0.56% (0.01%)	0 – 3.49% (0.70%)

Daily Measurements Performed in Q2 2023

- All weekdays, except for holidays
- 2 Sundays
- 2 Saturdays

Q2 2023 Operational Adjustments

None

Coke Battery Performance – Method 303



Performance Review – 30-Day Rolling Avg. (Q2 2023)

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
2020 - 2023 Limits	4%	0.4%	2.5%	12 s
Apr 1 – June 30, 2023 Range (Average)	0.52 – 1.23% (0.75%)	0.00 – 0.02% (0.01%)	0.31 – 1.09% (0.70%)	3.97 – 5.34s (4.52 s)

Q2 2023 Performance

· In compliance with current limits

Coke Battery Performance – Method 303





Performance Review – Daily Observations. (Q2 2023)

Date	Pushing Emission (opacity %)	
2015 Threshold (July 2 start)	≥ 50%	
2016 – 2018	≥ 50%	
2019	≥ 40%	
2020 - 2023	≥ 30%	
Apr 1- June 30, 2023 Range (Average)	0 – 28% (9.89%)	

Q2 2023 Operational Adjustments

None

Coke Battery Performance

Additional Items



- There were no community complaints for the period of Q2 2023 related to the cokemaking operations
- MECP invited to provide any verbal comments

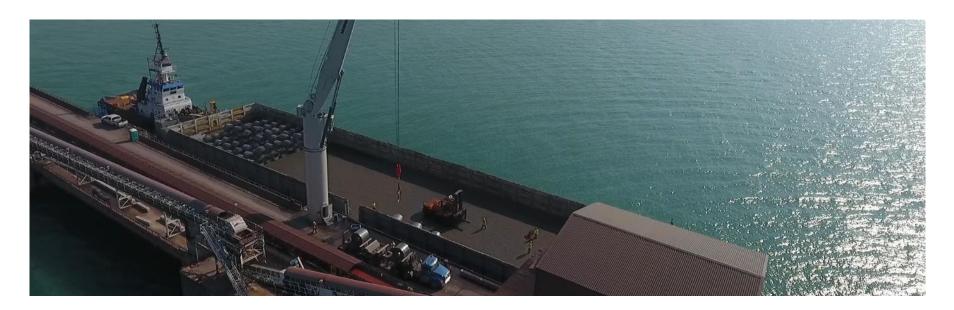
Additional Updates



- Additional feedback received from neighbors in Q2 2023:
 - Dust
 - Black material at nearby beach (accumulated decomposed organic matter not related to Stelco)
- Hydrogen Pilot Plant
 - Stelco is applying to Ministry of Environment, Conservation and Parks for amendment to existing air permit for a pilot project to use on-site blast furnace gas and basic oxygen furnace gas, to produce hydrogen gas
 - Test technology to convert existing by-product gases into hydrogen for use on-site
 - Emissions from the pilot would be negligible
 - The proposal can be found at: https://ero.ontario.ca/notice/019-7370

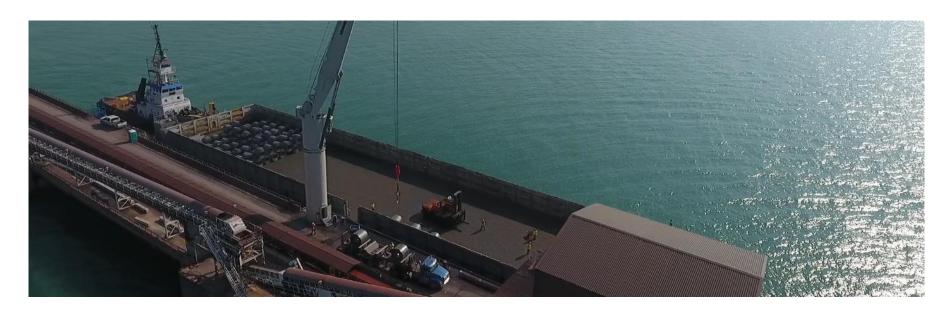


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The Steel Company of Canada